

REMARKS

No new matter has been added.

The Examiner is requested to call the undersigned if any questions arise concerning the above-mentioned application.

Respectfully submitted,

MARGER JOHNSON & McCOLLOM, P.C.

Julie L. Reed

Julie L. Reed

Reg. No. 35,349

MARGER JOHNSON & McCOLLOM, P.C.
1030 SW Morrison Street
Portland, OR 97205
503-222-3613

VERSION WITH MARKINGS TO SHOW CHANGES MADE**In the Title**

FULLY DISTRIBUTED, [SCALABLE INTERFACE] SCALABLE INFRASTRUCTURE
COMMUNICATION SYSTEM

In the Specification

Page 1, beginning at line 10

Cross Reference to Related Applications

This application relates to the following US patent applications, all commonly assigned to the assignee of this application.

Serial No.	Atty. Dkt. No.	Title	Filed
<u>09/698,779</u>	2705-137	Smart Secretary	<u>10/27/00</u>
[<u>09/710,544</u>]	[2705-138]	[Net Lurkers]	[<u>11/8/00</u>]
<u>09/711,378</u>	2705-139	Replication of a [Scalable Interface] <u>Scalable Infrastructure System</u>	<u>11/9/00</u>
<u>09/695,750</u>	2705-140	Object Agents in a [Scalable Interface] <u>Scalable Infrastructure System</u>	<u>10/24/00</u>
<u>09/746,798</u>	2705-141	Memory Management of a [Scalable Interface] <u>Scalable Infrastructure System</u>	<u>12/20/00</u>
<u>09/694,740</u>	2705-142	Interconnective Agents in a [Scalable Interface] <u>Scalable Infrastructure System</u>	<u>10/23/00</u>
<u>09/713,155</u>	2705-143	Multicasting and Joining in a [Scalable Interface] <u>Scalable Infrastructure System</u>	<u>11/14/00</u>
<u>09/697,821</u>	2705-144	[Scalable Interface] <u>Scalable Infrastructure Community Service</u>	<u>10/26/00</u>
<u>09/882,221</u>	<u>2705-187</u>	<u>Net Lurkers</u>	<u>6/15/01</u>

The paragraph starting on page 3, line 20, has been amended as follows:

One embodiment of the invention is a fully distributed, [scalable interface] scalable infrastructure communication system. The system comprises at least one Space, at least one double agent and at least one non-space specific double agent. Devices and applications that wish to communicate with other members of the Community or outside of the Community insert objects into the Space. The Space then publishes the presence of that object to subscribed members of the community. The double agents are capable of communicating with any desired protocols on one side and the Space protocol on the other. Non-space

specific agent; handle routing, administrative and other tasks, such as communication between Spaces and Communities.

The paragraph starting on page 4, line 1, has been amended as follows:

Figure 1 shows one embodiment of a [Scalable Interface] Scalable Infrastructure system, in accordance with the invention.

The paragraph starting on page 4, line 23, has been amended as follows:

In one embodiment of the invention shown by Figure 1, it is possible to deploy a [Scalable Interface] Scalable Infrastructure (SI) fully distributed application system. The SI system uses a combination of a persistent store and agents to provide a communication system extensible to nearly all types of interfaces and any number of users and applications. The SI system defines Communities around the persistent store, or space, with space or non-space oriented interpreters, referred to here as Double Agents. Double Agents will be discussed in more detail further.

The paragraph starting on page 13, line 20, has been amended as follows:

Having discussed all of the possible components of a [scalable interface] scalable infrastructure system, it is now useful to discuss an implementation used to replace a private branch exchange (PBX) within a phone system using one embodiment of an SI system. The system was initially implemented using one JavaSpace™, to connect to SIP phones.

In the Abstract:

The Abstract, page 23, has been amended as follows:

FULLY DISTRIBUTED, [SCALABLE INTERFACE] SCALABLE INFRASTRUCTURE,
COMMUNICATION SYSTEM

ABSTRACT

A fully distributed, [scalable interface] scalable infrastructure, communication system. The system comprises at least [on] one Space, at least one double agent and at least one non-space specific double agent. Devices and applications that wish to communicate

other member of the Community or outside of the Community insert objects into the Space. The Space then publishes the presence of that object to subscribed members of the community. The double agents are capable of communicating with any desired protocols on one side and the Space protocol on the other. Non-space specific agents handle routing, administrative and other tasks, such as communication between Spaces and Communities.